

United States of America  
Department of Transportation — Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA710NW

*This certificate, issued to* Leland O. McKinney

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 4a of the Civil Air Regulations.*

*Original Product — Type Certificate Number:* A-691  
*Make:* Piper  
*Model:* J3C-65

*Description of Type Design Change:* Installation of a Lycoming O-235-C1 engine, Sensenich M76AM-2 propeller, PA-18 fuel system and modified exhaust and heater muff system in accordance with Leland O. McKinney photographs 1 through 4.

*Limitations and Conditions:* Data pertaining to this modification are considered inadequate for duplication in other aircraft. This approval is limited to the installation in Piper J3C-65, Serial Number 17736 only. A copy of this Certificate and Addendum No. SA710NW shall be maintained as part of the permanent records for the modified aircraft.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* October 18, 1978

*Date issued:*

*Date of issuance:* January 17, 1979

*Date amended:*



*By direction of the Administrator*  
*Charles C. Schroeder*  
(Signature)

Chief, Engineering and Manufacturing Branch  
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

United States of America  
Department of Transportation—Federal Aviation Administration  
**Supplemental Type Certificate**  
(Continuation Sheet)

January 17, 1979      *Number*      SA710NW

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA710NW

The conditions and limitations of Type Certificate Data Sheet No. A-691 apply except where superseded by the following:

This Supplemental Type Certificate Addendum, which is part of STC SA710NW, prescribes the conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Civil Air Regulations. A copy of this STC Addendum is required to be maintained as part of the permanent records for the modified aircraft.

SUPPLEMENTAL TYPE CERTIFICATE HOLDER:    Leland O. McKinney

I.    MODEL J3C-65 2PCLM (NORMAL CATEGORY) AS MODIFIED BY STC SA710NW

Engine:	Lycoming O-235-C1
Fuel:	80/87 Octane Minimum Grade Aviation Gasoline
Engine Limit:	All operations 2800 rpm (115 Hp)
Propeller and Propeller Limits:	Sensenich M76AM-2 Diameter:    Maximum 74" Minimum 70" Static Limits: Maximum 2550 rpm Minimum 2450 rpm
Maximum Weight:	1220 pounds
Serial Nos. Eligible:	17736 only

NOTE 1:    Current weight and balance report including list of equipment in the certified empty weight must be in the aircraft.

NOTE 2:    PLACARDS    The following placard shall be located adjacent to each wing fuel tank filler cap:

UNUSEABLE FUEL -    2 GALLONS  
USEABLE FUEL    -    16 GALLONS  
- END -

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*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*